

MINUTES OF PREVIOUS MEETING

April 10, 2019

The regular monthly meeting of the Board of Trustees of the Lake County Vector Control District was called to order at 1:31 P.M. by President Giambruno.

Board Present: Curt Giambruno, Chuck Leonard, Ronald Nagy, and George Spurr.

Absent: Rob Bostock (excused).

District Personnel: Jamesina J. Scott, Ph.D., Manager and Research Director, Jacinda Franusich, Office Manager, and Cassie Urquhart, Entomologist.

Guests: None.

Citizen's Input: None.

Agenda Additions/Deletions: A budget transfer was added to the agenda. Mr. Spurr moved to approve the budget transfer from 90.91 Contingencies in the amount of \$3,500, to 29.50 Transportation/Travel. Mr. Leonard seconded the motion. Motion carried unanimously.

Mr. Spurr moved to approve the Board Minutes of March 13, 2019 with a correction to the check numbers to include checks 18338-18351 making the total expenditures for March \$131,051.11. Mr. Nagy seconded the motion. Motion carried unanimously.

Update on Yellowjacket Trap Study by District Entomologist Cassie Urquhart

Ms. Urquhart gave a brief presentation about her study with the various types of traps (commercial and home-made) that are available to help reduce yellowjacket populations. Western yellowjackets (*Vespula pensylvanica*) were the dominant species in all traps. Two commercial traps—the Rescue![®] Reusable Yellowjacket Trap and the Rescue![®] W·H·Y[®] (Wasp·Hornet·Yellowjacket) Trap—collected the greatest numbers of yellowjacket queens and workers. The majority of yellowjacket queens were collected from the beginning April through mid-June. The majority of

yellowjacket workers were collected between the beginning of July and the end of August. The Board was impressed with the information Ms. Urquhart presented and believe that it will be beneficial to the District's yellowjacket program.

Research Report

Dr. Scott reported on vectorborne virus activity. No West Nile virus (WNV) or other arbovirus activity has been reported in the United States in 2019.

Dr. Scott reported on adult biting fly activity. New Jersey Light Traps were set in Clearlake near Borax Lake and in the Reclamation near Upper Lake. Two mosquito species were collected as well as black biting gnats.

Dr. Scott reported on the black fly and onchocerciasis project. In 2015, the District was contacted by Kim Nelson the Vector Ecologist for San Gabriel Valley Mosquito and Vector Control District. Ms. Nelson invited the District to send her black flies as part of a statewide program to update the species known in California.

Later in 2015, Ms. Nelson was contacted by a veterinarian inquiring about local black flies that could vector a dog eye worm, *Onchocerca lupi*, that he had removed from a dog. Ms. Nelson and the veterinarian secured a grant and found a collaborator that who would test the black flies for the parasite. The District's samples were tested and seven were positive for *O. lupi* and an additional specimen had an undescribed *Onchocerca* eye worm that infests deer. A manuscript is being prepared to report the findings.

Dr. Scott reported on tick testing. Thirteen *Ixodes pacificus* ticks that were removed from Lake County residents were submitted to the Sonoma County Public Health Laboratory for testing for *Borrelia burgdorferi* (the causative agent for Lyme disease). All the samples were negative.

Dr. Scott reported on Clear Lake Gnat, Chironominae, and Tanypodinae Surveillance in Clear Lake. In the Upper Arm, Clear Lake gnat numbers decreased from 0.11 larvae per dredge in February to 0.07 larvae per dredge in March. Chironominae numbers decreased from 32.18 larvae per dredge in February to 25.68 larvae per dredge in March. Tanypodinae numbers decreased from 4.50 larvae per dredge in February to 4.21 larvae per dredge in March.

Operation Report

During the month of March 5.48 inches of rainfall was recorded at the District's rain gauge. The total rainfall recorded this season is 36.32 inches.

On March 1, the level of Clear Lake was 9.85 feet on the Rumsey Gauge. The lake level was 8.52 feet by March 31.

On March 11, the District made an aerial application of VectoBac G to 955 acres to reduce the numbers of floodwater mosquitoes in shoreline areas between south Lakeport and Clear Lake State Park, Anderson Marsh State Historic Park, east of the Clearlake Keys, and Bridge Arbor South in North Lakeport.

Clear Lake reached flood stage (9.0 feet) on February 27 and 9.9 feet a week later. Esplanade Street was flooded and closed by the City of Lakeport. The District was not damaged by the flooding due to the elevation of the buildings and the efforts of the employees. Equipment from the shop and the vehicles were moved out to the Todd Road Facility, and boards were removed from the pier.

The District's conference room was used by the Lake County Environmental Health on March 28 for a 2-hour meeting.

On March 8, Vector Biologist Michelle Koschik and Entomologist Cassie Urquhart represented the District at an outreach event at the Clearlake Creativity School in Clearlake.

On March 28, the District participated in the Third Annual Lake County Agricultural and Natural Resources Day at the Lake County Fairgrounds in Lakeport. Entomologist Cassie Urquhart, Vector Biologist Michelle Koschik, and Laboratory Assistant Sammy Jo Brassfield worked the event.

Office Manager Jacinda Franusich and District Manager Dr. Jamesina Scott attended the Vector Control Joint Powers Agency (VCJPA) annual workshop and board meeting in Santa Cruz, CA from March 6-8.

On April 2, Dr. Scott will attend the Mosquito and Vector Control Association of California (MVCAC) Spring Committee and Board Meetings in Sacramento.

Approval of Checks for April 2019

Mr. Nagy moved to approve Check Nos. 18352-18414 for the month of April 2019 in the amount of \$99,673.55. Mr. Leonard seconded the motion. Motion carried unanimously.

Other Business

No other business was discussed.

Announcement of the Next Board Meeting

The next regular meeting of the Board of Trustees of the Lake County Vector Control District will be at 1:30 P.M. on May 8, 2019 in the LCVCD Board Room, 410 Esplanade, Lakeport, CA 95453.

Convene to Closed Session at 2:22 P.M.

Closes Session

Held pursuant to Government Code Section 54957: Public Employee Performance Evaluation: District Manager/Research Director.

Convene to Open Session at 2:50 P.M.

Report from Closed Session

No reportable actions taken.

Adjourn Regular Meeting

Mr. Nagy moved to adjourn the meeting. Mr. Spurr seconded the motion. There being no other business to discuss the meeting was adjourned by President Giamb Bruno at 2:52 PM.

Respectfully submitted,

Ronald Nagy
Secretary